

Serial No.: 10/797,394
Reply to Office Action dated July 24, 2006

RD-27,764-3

Listing of the Claims:

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently amended) A composition, comprising
a polyorganosiloxane, and
an admixed sterically hindered amine light stabilizer ~~(HALS)~~
wherein the polyorganosiloxane is free from alternating cyclic hydrocarbon
residues, and the hindered amine light stabilizer comprises a pendant siloxane chain.

Claim 2. (Withdrawn) The composition of claim 1, wherein said
polyorganosiloxane comprises moieties of the formula $((\text{CH}_3)_2\text{SiO})$ and a terminal
trimethylsiloxane unit $((\text{CH}_3)_3\text{SiO}_{0.5})$.

Claim 3. (Withdrawn) The composition of claim 1, wherein said
polyorganosiloxane comprises $((\text{CH}_3)_3\text{SiO}_{0.5})$ units in an amount in a range of from about
0.7 mol% to about 6.0 mol%.

Claim 4. (Withdrawn) The composition of claim 1, wherein said
polyorganosiloxane comprises $((\text{CH}_3)_3\text{SiO}_{0.5})$ units in an amount in a range of from about
2.0 mol% to about 5.5 mol%.

Claim 5. (Withdrawn) The composition of claim 1, wherein said
polyorganosiloxane comprises $((\text{CH}_3)_3\text{SiO}_{0.5})$ units in an amount in a range of from about
2.5 mol% to about 5 mol%.

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Claim 6. (Withdrawn) The composition of claim 1, wherein said polyorganosiloxane is a reaction product of a non-cyclic, vinylsiloxane fluid and an organohydrogensiloxane crosslinker.

Claim 7. (Withdrawn) The composition of claim 6, wherein said polyorganosiloxane is a reaction product of a non-cyclic, vinylsiloxane fluid and an organohydrogensiloxane crosslinker in a ratio to provide SiH in an amount in a range of from about 0.2 moles to about 5.0 moles per mole of vinyl-siloxane functionality.

Claim 8. (Withdrawn) The composition of claim 6, wherein said polyorganosiloxane is a reaction product of a non-cyclic, vinylsiloxane fluid and an organohydrogensiloxane crosslinker in a ratio to provide SiH in an amount in a range of from about 0.75 moles to about 2.5 moles per mole of vinyl-siloxane functionality.

Claim 9. (Withdrawn) The composition of claim 6, wherein said polyorganosiloxane is a reaction product of a non-cyclic, vinylsiloxane fluid and an organohydrogensiloxane crosslinker in a ratio to provide SiH in an amount in a range of from about 1.0 moles to about 1.5 moles per mole of vinyl-siloxane functionality.

Claim 10. (Withdrawn) The composition of claim 1, wherein said polyorganosiloxane is a reaction product of a curable composition comprising a non-cyclic, vinylsiloxane fluid, an organohydrogensiloxane crosslinker and a filler in an amount in a range of from about 5 to about 100 parts by weight based on 100 parts by weight of the vinylsiloxane fluid.

Claim 11. (Withdrawn) The composition of claim 10, wherein said filler is selected from the group consisting of fumed silica, precipitated silica and mixtures thereof.

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Claim 12. (Withdrawn) The composition of claim 10, wherein said curable composition comprises less than 50 parts by weight of filler per 100 parts by weight of the vinylsiloxane fluid.

Claim 13. (Withdrawn) The composition of claim 10, wherein said curable composition comprises an extending or reinforcing filler selected from the group consisting of titanium dioxide, lithopone, zinc oxide, zirconium silicate, silica aerogel, iron oxide, diatomaceous earth, calcium carbonate, silazane treated silicas, glass fiber, magnesium oxide, chromic oxide, zirconium oxide, aluminum oxide, alpha quartz, calcined clay, carbon, graphite, and synthetic fiber.

Claim 14. (Original) The composition of claim 10, wherein said polyorganosiloxane is a reaction product of a non-cyclic, vinylsiloxane fluid and an organohydrogensiloxane crosslinker cured in the presence of a platinum catalyst to form an elastomeric material.

Claim 15. (Withdrawn) The composition of claim 10, wherein said vinylsiloxane fluid comprises vinylsiloxyl units in an amount in a range of from about 0.05 mol% to about 3.5 mol% based on the total moles of condensed organosiloxyl units in the vinylsiloxane.

Claim 16. (Withdrawn) The composition of claim 10, wherein said vinylsiloxane fluid comprises vinylsiloxyl units in an amount in a range of from about 0.1 mol% to about 3 mol% based on the total moles of condensed organosiloxyl units in the vinylsiloxane.

Claim 17. (Withdrawn) The composition of claim 10 wherein said vinylsiloxane fluid comprises vinylsiloxyl units in an amount in a range of from about 0.14 mol% to

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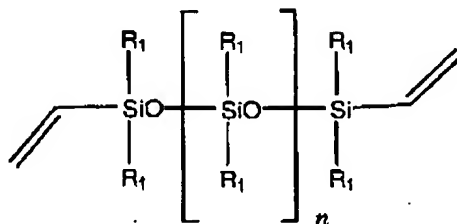
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about 2 mol% based on the total moles of condensed organosiloxoxy units in the vinylsiloxane.

Claim 18. (Previously presented) The composition of claim 10, wherein said vinylsiloxane fluid comprises:



where n is a positive integer having a value such that a viscosity of the composition in a range between about 100 centipoise and about 200,000 centipoise at 25 °C, and each R₁ is a monovalent hydrocarbon radical selected from the group consisting of alkyl radicals, aryl radicals, aralkyl radicals, alkenyl radicals, halogenated derivatives of said radicals, and cyanoalkyl radicals.

Claim 19. (Previously presented) The composition of claim 18, wherein said R₁ is an alkyl radical having an amount of carbon atoms in a range of from 1 to 8.

Claim 20. (Withdrawn) The composition of claim 10, wherein said organohydrogensiloxane crosslinker comprises chemically combined hydrogen attached to silicon in an amount in a range of from about 0.2 moles to about 5.0 moles per mole of vinyl-siloxane functionality.

Claim 21. (Withdrawn) The composition of claim 10, wherein said organohydrogensiloxane crosslinker comprises chemically combined hydrogen attached to silicon in an amount in a range of from about 0.75 moles to about 2.5 moles per mole of vinyl-siloxane functionality.

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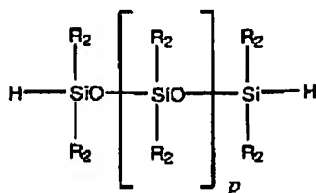
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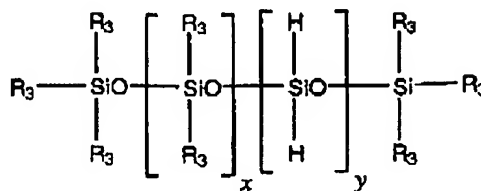
Claim 22. (Withdrawn) The composition of claim 10, wherein said organohydrogensiloxane crosslinker comprises chemically combined hydrogen attached to silicon in an amount in a range of from about 1.0 moles to about 1.5 moles per mole of vinyl-siloxane functionality.

Claim 23. (Withdrawn) The composition of claim 10, wherein said organohydrogensiloxane crosslinker comprises:

(2) or (3):



(2)



(3)

where p is a positive integer of a value to provide a viscosity in a range of from about 1 centipoise to about 1,000 centipoise at 25 °C, x and y are positive integers of sufficient value to provide a viscosity in a range of from about 1 centipoise to about 1,000 centipoise at 25 °C, and wherein R₂ and R₃ represent the same or different monovalent hydrocarbon radicals free of olefinic unsaturation and is selected from the group consisting of an alkyl radical, aryl radical, aralkyl radical, halogenated derivative of said radicals and a cyanoalkyl radical.

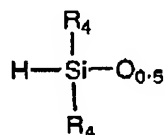
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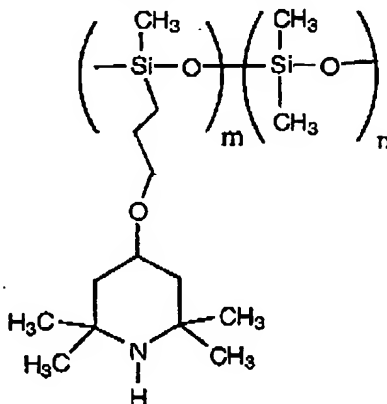
Claim 24. (Withdrawn) The composition of claim 10, wherein said organohydrogensiloxane crosslinker comprises the units:



chemically combined with SiO_2 where the ratio of $(\text{R}_4 + \text{H})$ to Si is in a range of from about 1.0 to about 2.7, wherein R_4 represents the same or different monovalent hydrocarbon radical free of olefinic unsaturation and is selected from the group consisting of an alkyl radical, aryl radical, aralkyl radical, halogenated derivatives of said radicals and a cyanoalkyl radical.

Claim 25. (Withdrawn) The composition of claim 24, wherein said alkyl radical comprises an amount of carbon atoms in a range of from 1 to 13.

Claim 26. (Withdrawn) The composition of claim 1, wherein said hindered amine light stabilizer is represented by the formula



where n is 0 or any integer, and m represents an integer greater than 3.

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Claim 27. (Withdrawn) The composition of claim 26, wherein the methylsiloxane moiety forms a cyclic ring.

Claim 28. (Withdrawn) The composition of claim 27, wherein the methylsiloxane moiety forms a cyclic tetramer where $m=4$ and $n=0$ or forms an octamer where $m=8$ and $n=0$.

Claim 29. (Withdrawn) The composition of claim 26, wherein the methylsiloxane moiety forms a linear chain with trimethylsiloxane end groups.

Claim 30. (Withdrawn) The composition of claim 1, comprising said hindered amine light stabilizer in a range of from about 0.05 weight % to about 10 weight %.

Claim 31. (Withdrawn) The composition of claim 1, comprising said hindered amine light stabilizer in an amount in a range of from about 0.1 weight % to about 5 weight %.

Claim 32. (Withdrawn) The composition of claim 1, comprising said hindered amine light stabilizer in an amount in a range of from about 0.25 weight % to about 1 weight %.

Claim 33. (Currently amended) A thermally stable composition comprising:
a polyorganosiloxane modified HALS comprising a pendant siloxane chain; and
a polyorganosiloxane that is free of alternating cyclic hydrocarbon residues.

Claim 34. (New) The composition as defined in claim 1, wherein the composition is curable to form a thin film by heating.

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Claim 35. (New) A thin film formed from the composition as defined in claim 34.

Claim 36. (New) The thin film as defined in claim 35 having a haze value of about 8.

Claim 37. (New) The thin film as defined in claim 35 having a decrease in swell index of less than about 22 percent after an aging time of 14 days in air at 230 degrees Celsius.

Claim 38. (New) The thin film as defined in claim 37 having a decrease in swell index of less than about 17 percent.

Claim 39. (New) A globe having an inner surface, comprising the thin film as defined in claim 35.

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